Author Index

Aguilar, M. B., see Huberman, A. 337
Aguilar, M. I., see Hearn, M. T. W. 97
Alpert, A. J.
—— and Andrews, P. C.
Cation-exchange chromatography of peptides on poly(2-sulfoethyl aspartamide)-silica 85
Andrews, P. C., see Alpert, A. J. 85
Anspach, B.
——, Gierlich, H. U. and Unger, K. K.
Comparative study of Zorbax Bio Series GF 250 and GF 450 and TSK-Gel 3000 SW and SWXL columns in size-exclusion chromatography of proteins 45
Beninati, S.
——, Martinet, N. and Folk, J. E.
High-performance liquid chromatographic method for the determination of ε-(γ-glutamyl)lysine and mono- and bis-γ-glutamyl derivatives of putrescine and spermidine 329
Breslow, E., see Burman, S. 285
Brown, E. M.
——, Dower, H. J. and Greenberg, R.
Effects of reductive alkylation on peptide retention times 247
Burleigh, B. D., see Meng, H. 183
Burman, S.
——, Breslow, E., Chait, B. T. and Chaudhary, T.
Application of high-performance liquid chromatography in neurophysin disulfide assignment 285
Burton, W. G.
——, Nugent, K. D., Slattery, T. K., Summers, B. R. and Snyder, L. R.
Separation of proteins by reversed-phase high-performance liquid chromatography. I. Optimizing the column 263
——, see Nugent, K. D. 381
Caprioli, R. M.
——, Moore, W. T., DaGue, B. and Martin, M.
Microbore high-performance liquid chromatography–mass spectrometry for the analysis of proteolytic digests by continuous-flow fast-atom bombardment mass spectrometry 355
Chait, B. T., see Burman, S. 285
Chaudhary, T., see Burman, S. 285
Chicz, R. M.
—— and Regnier, F. E.
Surface-mediated retention effects of subtilisin site-specific variants in cation-exchange chromatography 193
Cook, S., see Mazsaroff, I. 119
Crimmins, D. L.
——, Gorka, J., Thoma, R. S. and Schwartz, B. D.
Peptide characterization with a sulfoethyl aspartamide column 63
Cunico, R. L., see Kunitani, M. G. 205
DaGue, B., see Caprioli, R. M. 355
DiBussolo, J. M., see Sagliano, Jr., N. 155
Dower, H. J., see Brown, E. M. 247
Ebert, R. F.
—— and Schmelzer, C. H.
Isolation and comparative peptide mapping of fibrinogen subunits by reversed-phase high-performance liquid chromatography 309
Fausnaugh-Pollit, J.
——, Thevenon, G., Janis, L. and Regnier, F.E.
Chromatographic resolution of lysozyme variants 221
Ferri, G., see Iadarola, P. 317
Flanagan, E., see Heinitz, M. L. 229
Floyd, T. R., see Sagliano, Jr., N. 155
Folk, J. E., see Beninati, S. 329
Galliano, M., see Iadarola, P. 317
Gierlich, H. U., see Ansprach, B. 45
Gisch, D. J.
—— and Pearson, J. D.
Determination of monosaccharides in glycoproteins by reversed-phase high-performance liquid chromatography on 2.1-mm narrow-bore columns 299
Gorka, J., see Crimmins, D. L. 63
Greenberg, R., see Brown, E. M. 247
Hartwick, R. A., see Sagliano, Jr., N. 155
Hearn, M. T. W.
——, Hodder, A. N. and Aguilar, M. I.
High-performance liquid chromatography of amino acids, peptides and proteins. LXXXVI. The influence of different displacer salts on the retention and bandwidth properties of proteins separated by isocratic anion-exchange chromatography 97
Heinitz, M. L.
——, Flanagan, E., Orlowski, R. C. and Regnier, F. E.
Correlation of calcitonin structure with chromatographic retention in high-performance liquid chromatography 229
——, Kennedy, L., Kopaciewicz, W. and Regnier, F. E.
Chromatography of proteins on hydrophobic interaction and ion-exchange chromatographic matrices: mobile phase contributions to selectivity 173

Hodder, A. N., see Hearn, M. T. W. 97
Horváth, Cs., see Kalghatgi, K. 343
——, see Lee, A. L. 31
——, see Velayudhan, A. 13
Huberman, A.
—— and Aguilar, M. B.
Single-step purification of two hyperglycaemic neurohormones from the sinus gland of *Procambarus bouvieri*. Comparative peptide mapping by means of high-performance liquid chromatography 337
Iadarola, P.
——, Zapponi, M. C., Stoppini, M., Meloni, M. L., Minchiotti, L., Galliano, M. and Ferri, G.
High-performance liquid chromatography of complex mixtures of cyanogen bromide-produced peptides from different proteins 317
Janis, L., see Fausnaugh-Pollitt, J. 221
Johnson, B. F., see Nugent, K. D. 381
Jozefonvicz, J., see Santarelli, X. 55
Kalghatgi, K.
—— and Horváth, Cs.
Rapid peptide mapping by high-performance liquid chromatography 343
Kazemier, B., see Welling-Wester, S. 255
Kelly, G. M., see Meng, H. 183
Kennedy, L., see Heinitz, M. L. 173
Kitagawa, N.
Ion-exchange chromatography of proteins on a polyethyleneimine-grafted hydrophilic polymer for high-performance liquid chromatography 133
Kopaciewicz, W., see Heinitz, M. L. 173
Kunitani, M. G.
——, Cunico, R. L. and Staats, S. J.
Reversible subunit dissocation of tumor necrosis factor during hydrophobic interaction chromatography 205
Lee, A. L.
——, Liao, A. W. and Horváth, Cs.
Tandem separation schemes for preparative high-performance liquid chromatography of proteins 31
Lee, D. P.
Chromatographic evaluation of large-pore and non-porous polymeric reversed phases 143
Liao, A. W., see Lee, A. L. 31
Martin, M., see Caprioli, R. M. 355
Martinet, N., see Beninati, S. 329
Mazsaroff, I.
——, Cook, S. and Regnier, F. E.
Molecular orientation of immunoglobulin G at a high concentration on an ion-exchange sorbent 119
Meloni, M. L., see Iadarola, P. 317
Meng, H.
——, Burleigh, B. D. and Kelly, G. M.
Reduction studies on bacterial recombinant somatomedin C/insulin-like growth factor-1 183
Miller, N. T., see Sagliano, Jr., N. 155
Minchiotti, L., see Iadarola, P. 317
Moore, W. T., see Caprioli, R. M. 355
Muller, D., see Santarelli, X. 55
Nugent, K. D., see Burton, W. G. 363
——, Burton, W. G., Slattery, T. K., Johnson, B. F. and Snyder, L. R.
Separation of proteins by reversed-phase high-performance liquid chromatography. II. Optimizing sample pretreatment and mobile phase conditions 381
Örvell, C., see Welling-Wester, S. 255
Orlowski, R. C., see Heinitz, M. L. 229
Pearson, J. D., see Gisch, D. J. 299
Porath, J.
High-performance immobilized-metal-ion affinity chromatography of peptides and proteins 3
Putman, F. W.
—— and Takahashi, N.
Structural characterization of glycoproteins 267
Regnier, F. E., see Chicz, R. M. 193
——, see Fausnaugh-Pollit, J. 221
——, see Heinitz, M. L. 173, 229
——, see Mazsaroff, I. 119
——, see Rounds, M. A. 73
Rounds, M. A.
—— and Regnier, F. E.
Synthesis of a non-porous, polystyrene-based strong anion-exchange packing material and its application to fast high-performance liquid chromatography of proteins 73
Sagliano, Jr., N.
——, Floyd, T. R., Hartwick, R. A., DiBussolo, J. M. and Miller, N. T.
Studies on the stabilization of reversed phases for liquid chromatography 155
Santarelli, X.
——, Muller, D. and Jozefonvicz, J.
Dextran-coated silica packings for high-performance size-exclusion chrotagraphy of proteins 55
Schmelzer, C. H., see Ebert, R. F. 309
Schwartz, B. D., see Crimmins, D. L. 63
Slattery, T. K., see Burton, W. G. 363
——, see Nugent, K. D. 381
Snyder, L. R., see Burton, W. G. 363
——, see Nugent, K. D. 381
Staats, S. J., see Kunitani, M. G. 205
Stoppini, M., see Iadarola, P. 317
Summers, B. R., see Burton, W. G. 363

Takahashi, N., see Putnam, F. W. 267
Thevenon, G., see Fausnaugh-Pollitt, J. 221
Thoma, R. S., see Crimmins, D. L. 63
Unger, K. K., see Anspach, B. 45
Velayudhan, A.
—— and Horváth, Cs.
Preparative chromatography of proteins. Analysis of the multivalent ion-exchange formalism 13
Welling, G. W., see Welling-Wester, S. 255
Welling-Wester, S.
——, Kazemier, B., Örvell, C. and Welling, G. W.
Effect of detergents on the structure of integral membrane proteins of Sendai virus studied with size-exclusion high-performance liquid chromatography and monoclonal antibodies 255
Zapponi, M. C., see Iadarola, P. 317